

FIG.1A



FIG.1B

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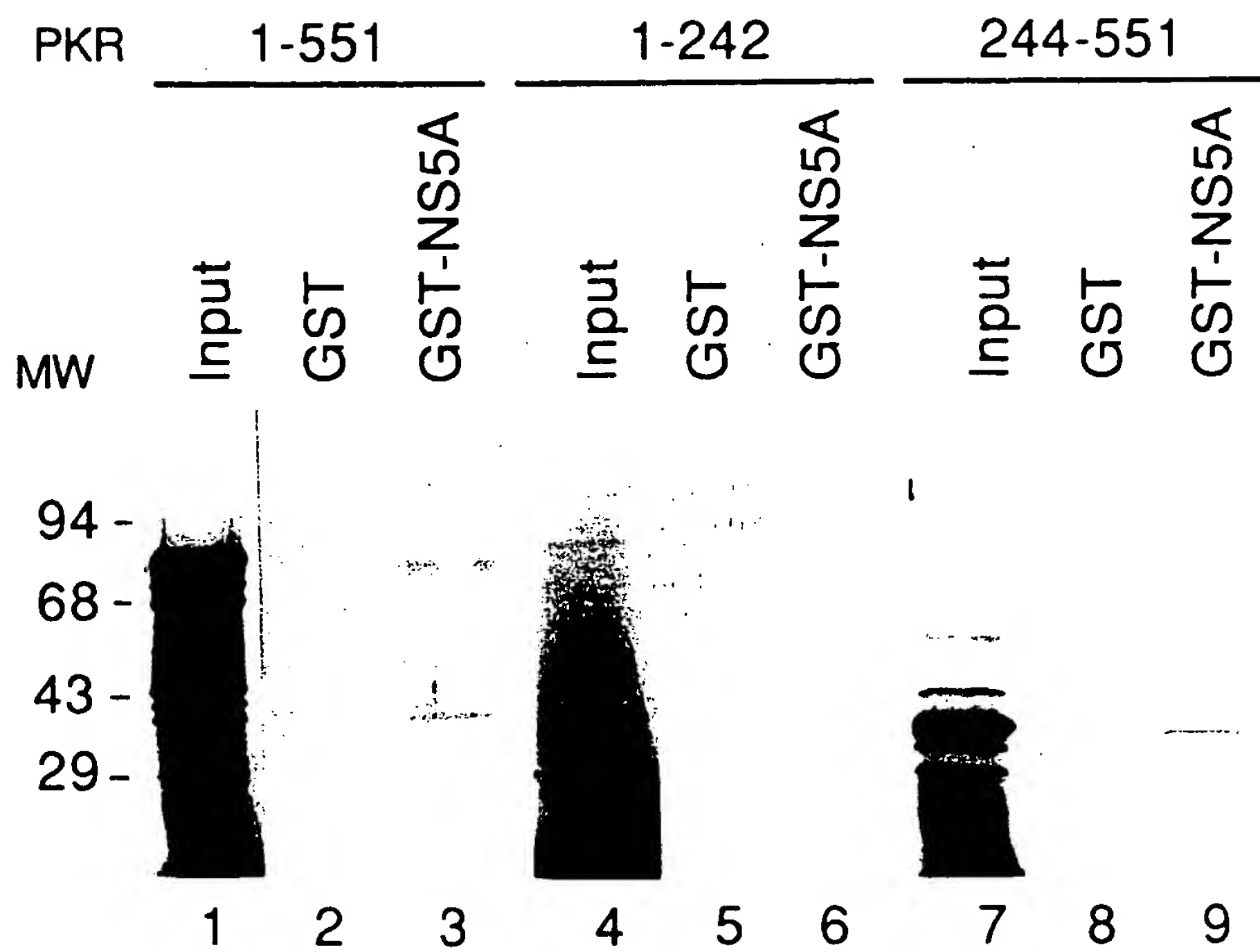


FIG.2

+HIS

AD-vector
BD-vector

1

AD NS5A
BD PKR 98-551 8

2 AD NS5A
BD-vector

AD P58^{IPK}
BD PKR 98-551 7

3 AD vector
BD PKR K296R

AD vector
BD PKR98-551 6

4 AD NS5A
BD PKR K296R

5

AD P58^{IPK}
BD PKR K296R

-HIS

1

8

2

7

3

6

4

5

FIG.3

NS5A Interacts with the PKR Protein Kinase Catalytic Domain *in Vivo*

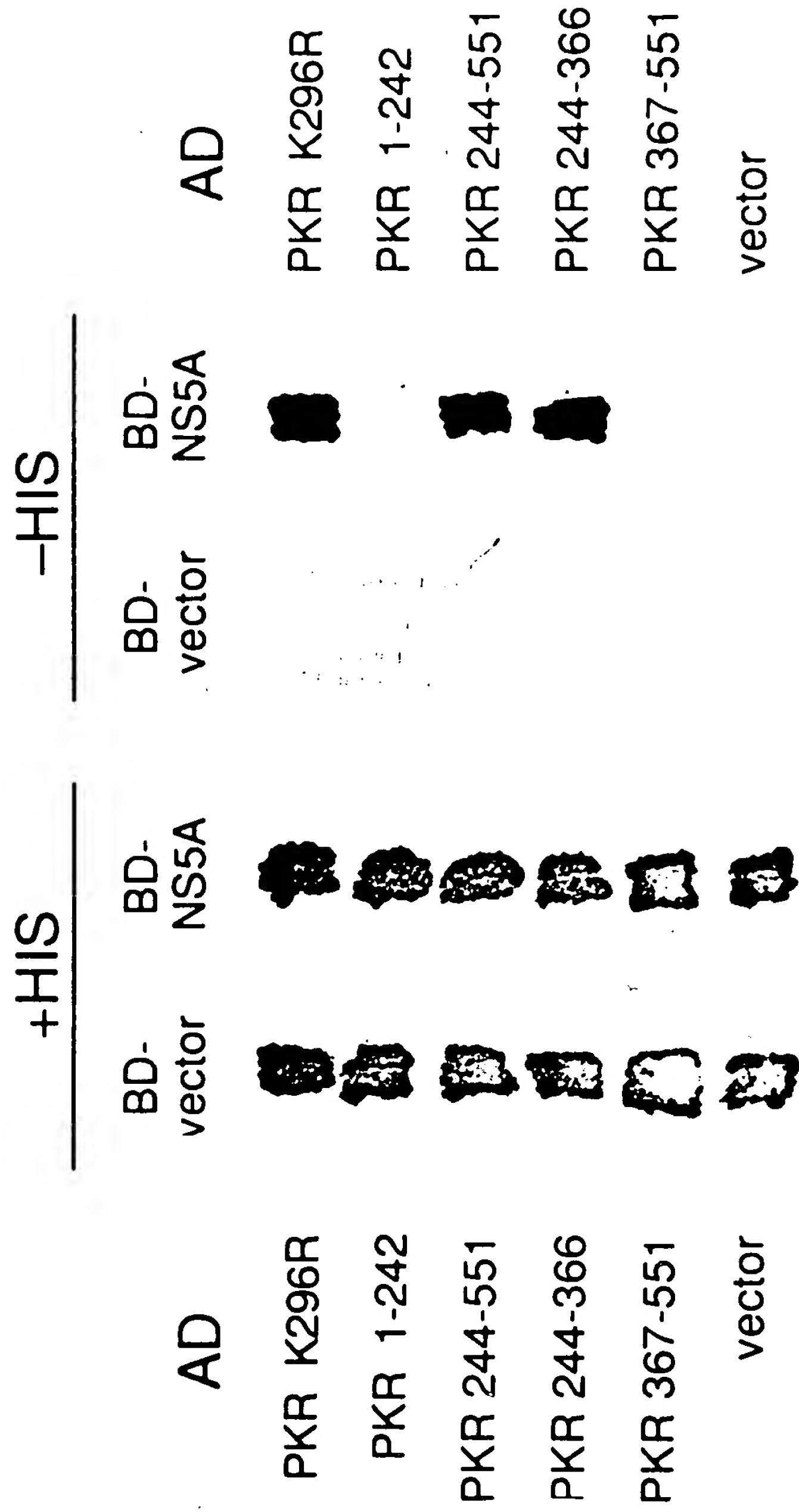


FIG.4

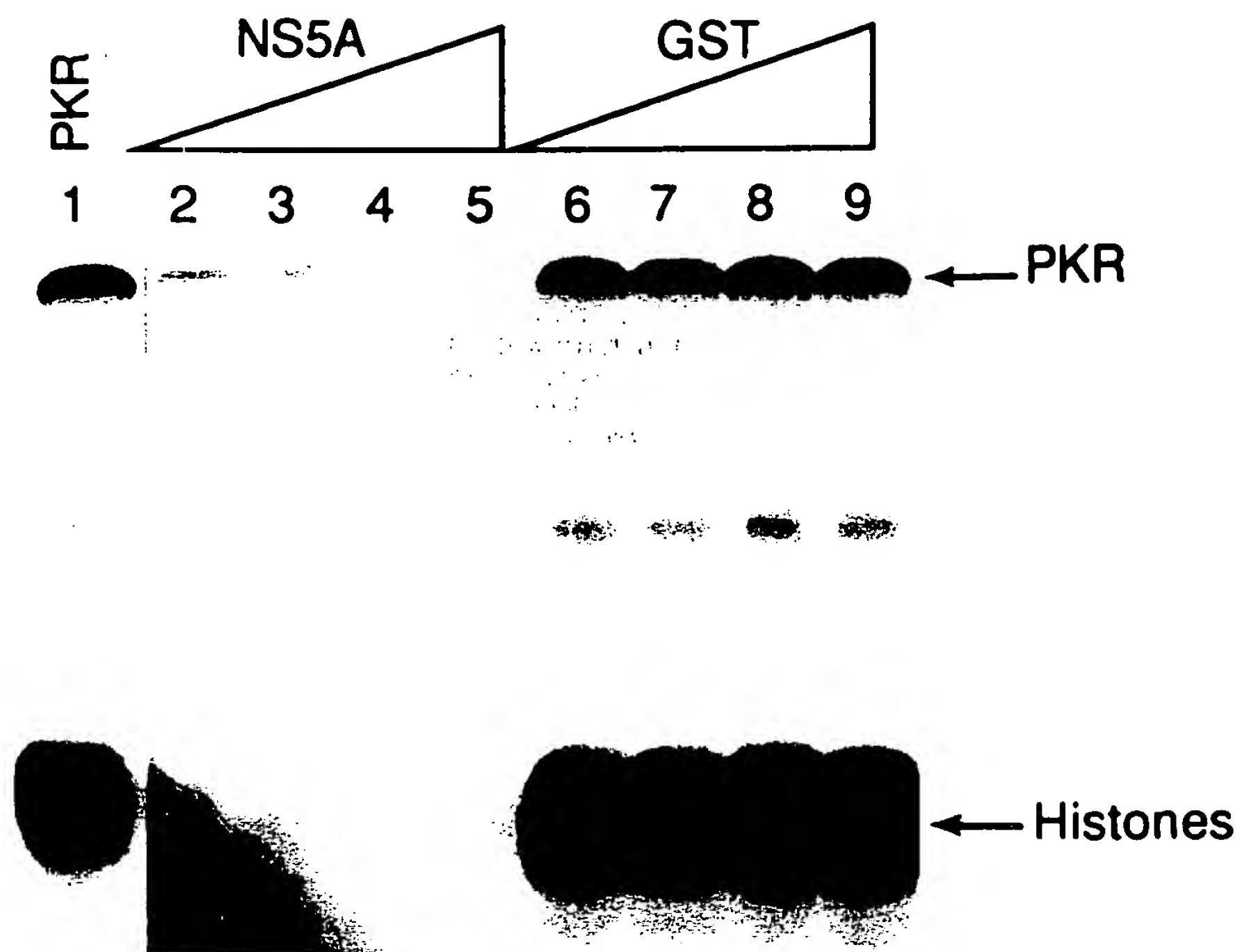


FIG.5

HCV NS5A Inhibits PKR-mediated Growth Suppression in Yeast

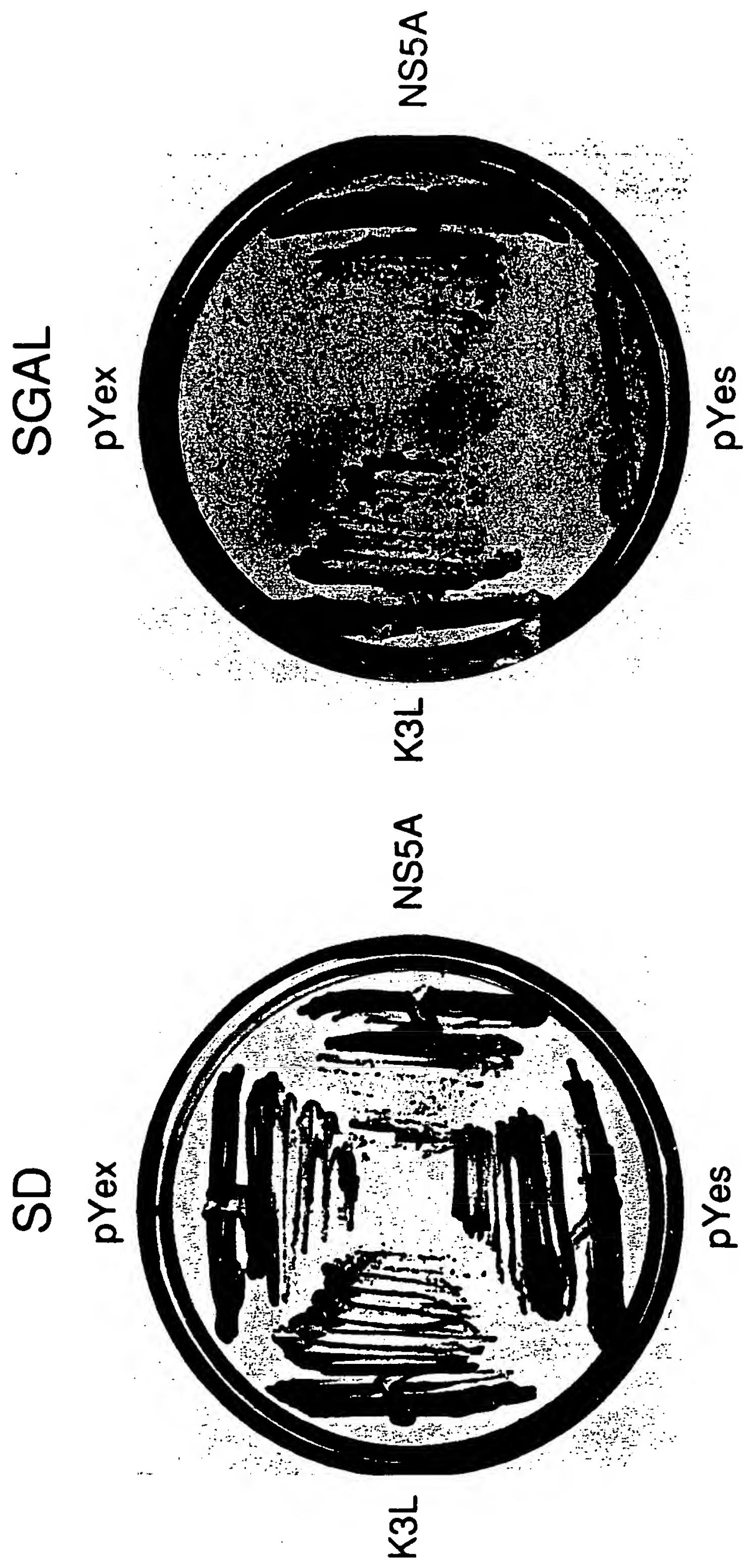


FIG.6

eIF-2 α Phosphorylation

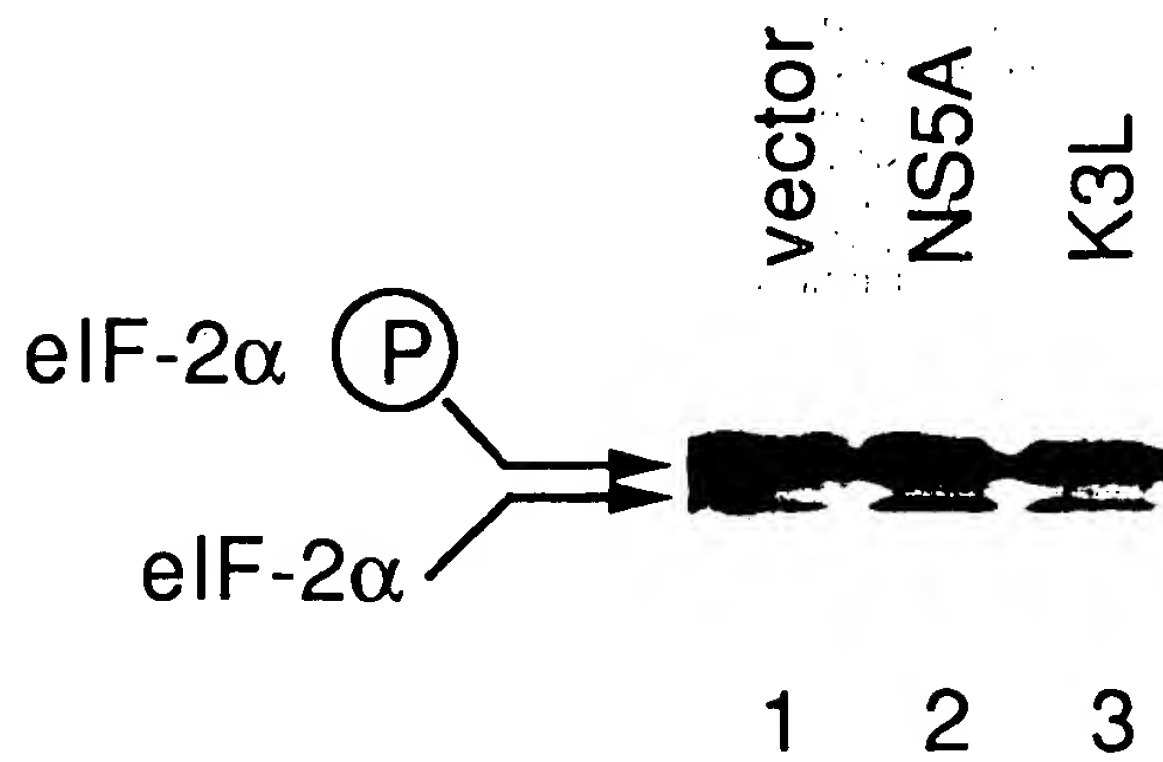


FIG.7

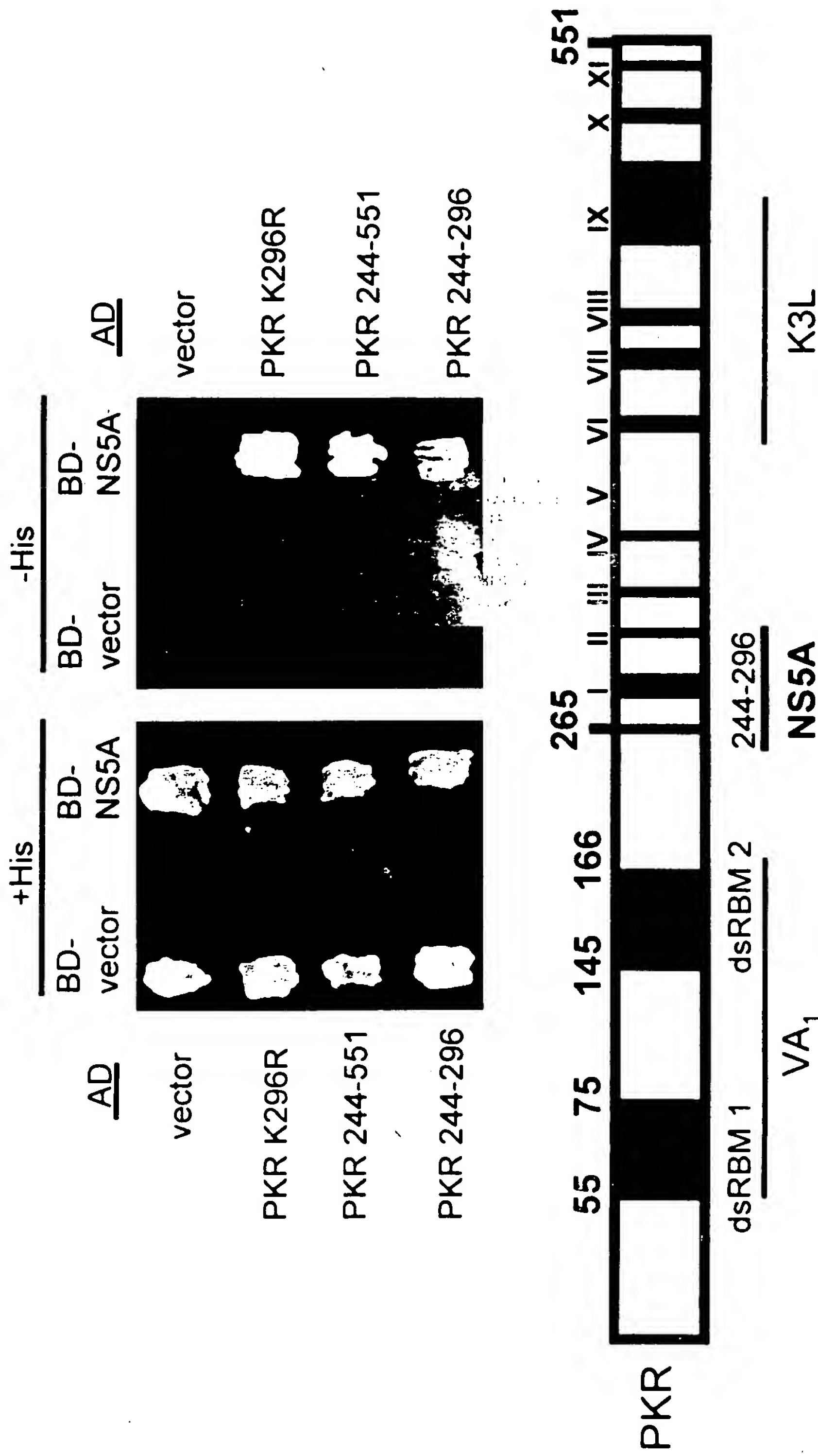


FIG.8

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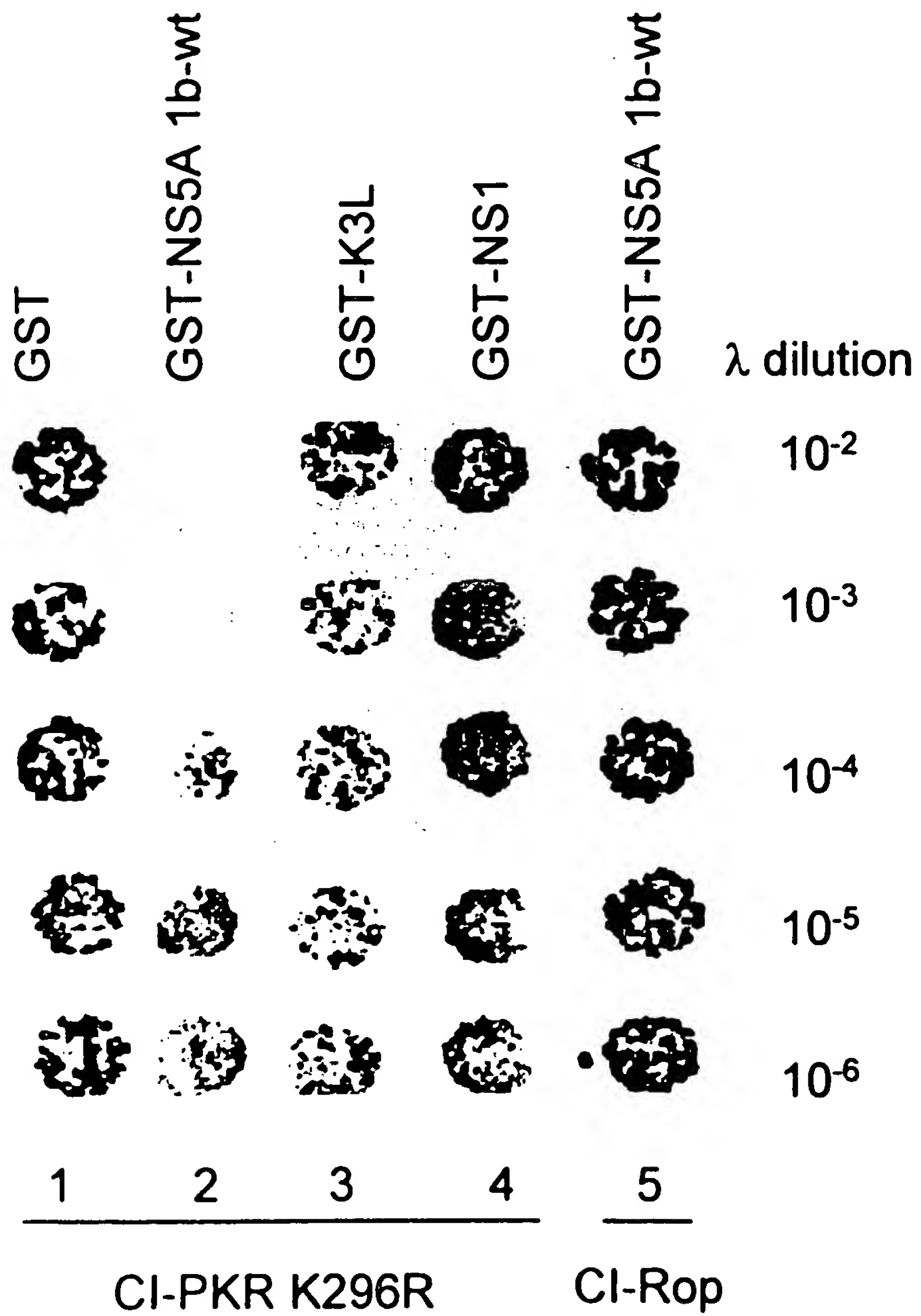


FIG.9

The diagram illustrates the structure of the PKR protein, represented by a horizontal line with various domains and binding regions marked. The domains are labeled as follows:

- ISDR** (Induced Structural Domain) is located at the N-terminus, spanning residues 2209-2248.
- Δ ISDR** (Deleted Induced Structural Domain) is a region that is deleted in the mutant, spanning residues 2419-2361.
- PKR-binding region** is a region that is deleted in the mutant, spanning residues 2209-2274.

The residues are numbered as follows:

- 2209-2248 (ISDR)
- 2419 (start of Δ ISDR)
- 2361 (end of Δ ISDR)
- 2120 (start of ISDR)
- 2274 (end of ISDR)
- 2180 (start of PKR-binding region)
- 2251 (end of PKR-binding region)
- 2208 (start of PKR-binding region)
- 2209 (start of PKR-binding region)
- 2274 (end of PKR-binding region)

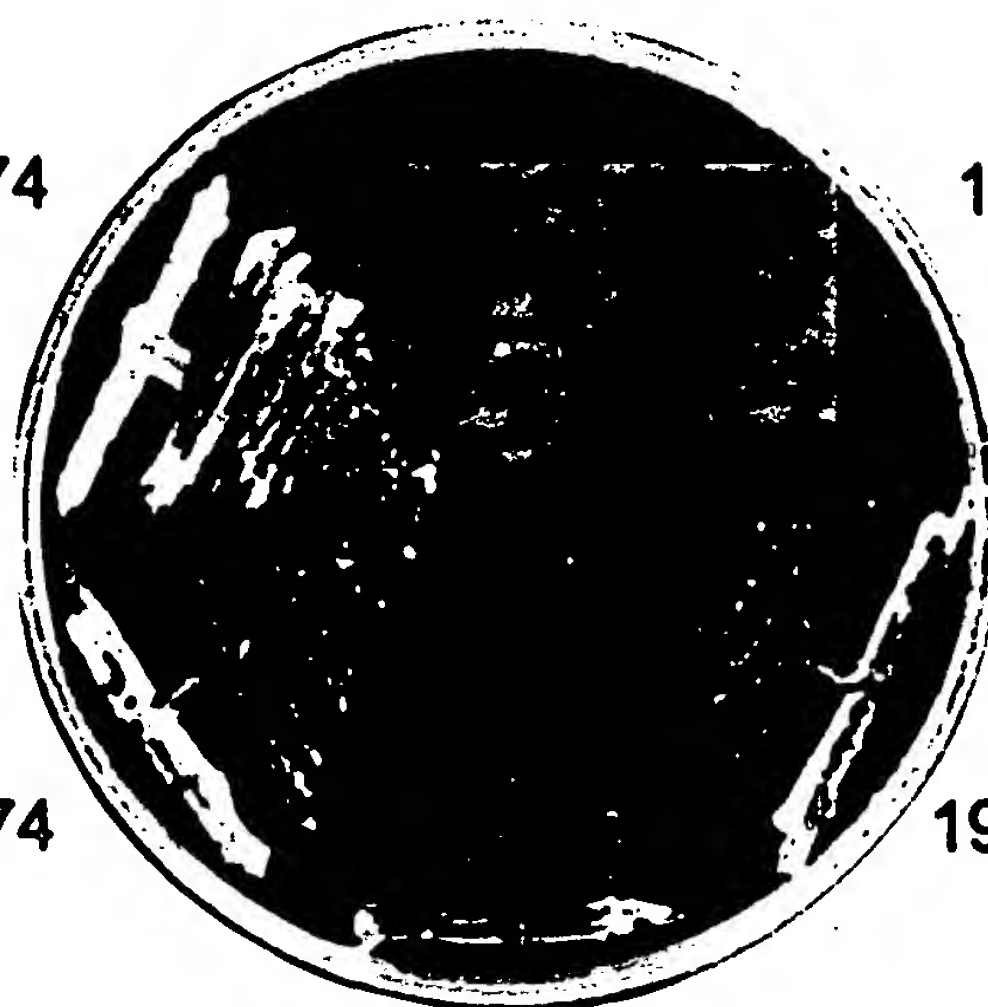
FIG. 10A

[illegible]

2180-2251

2209-2274

1973-2208



2120-2274

1973-2419

1973-2361

FIG. 10B

982410-982410

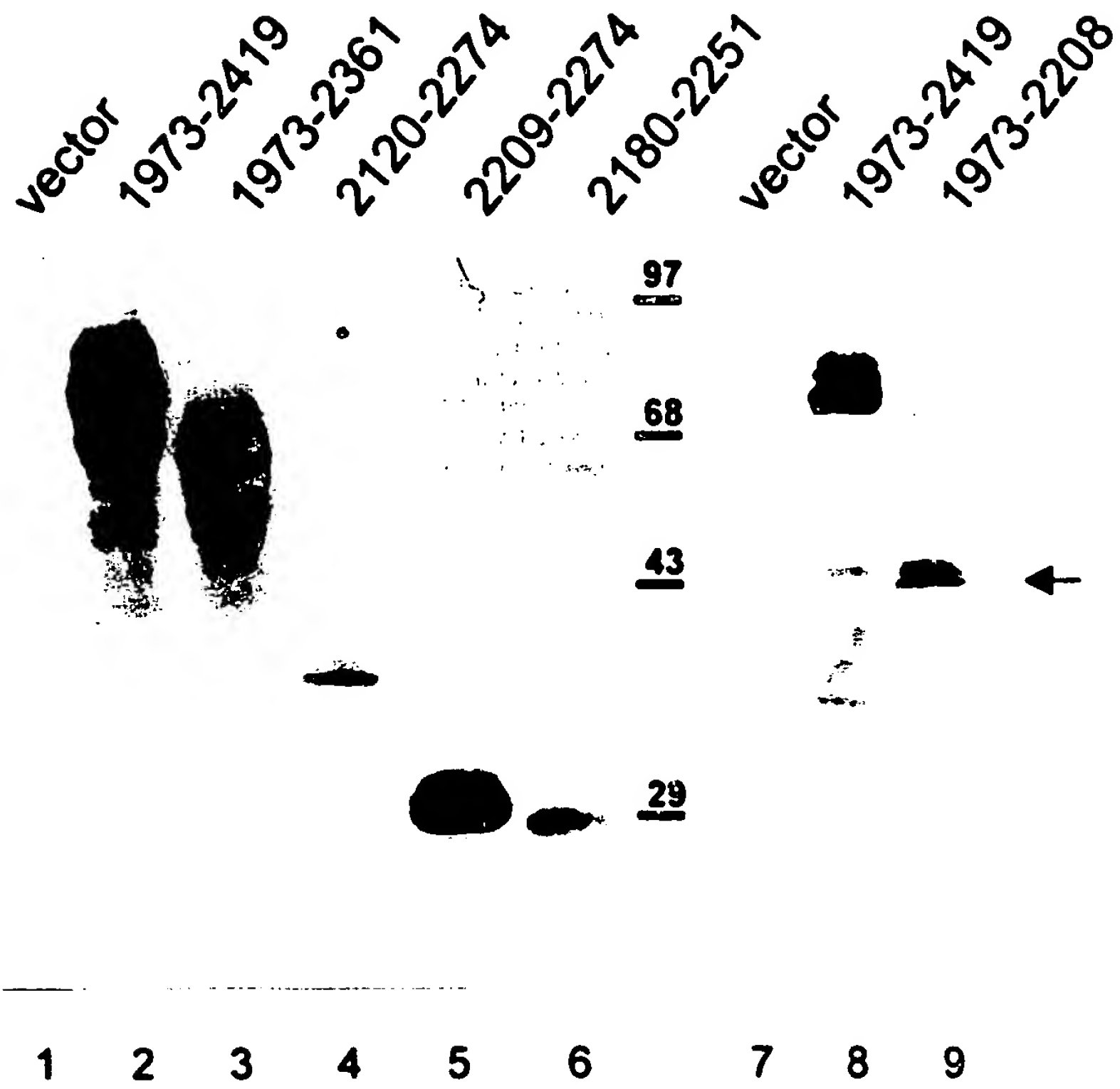


FIG.10C

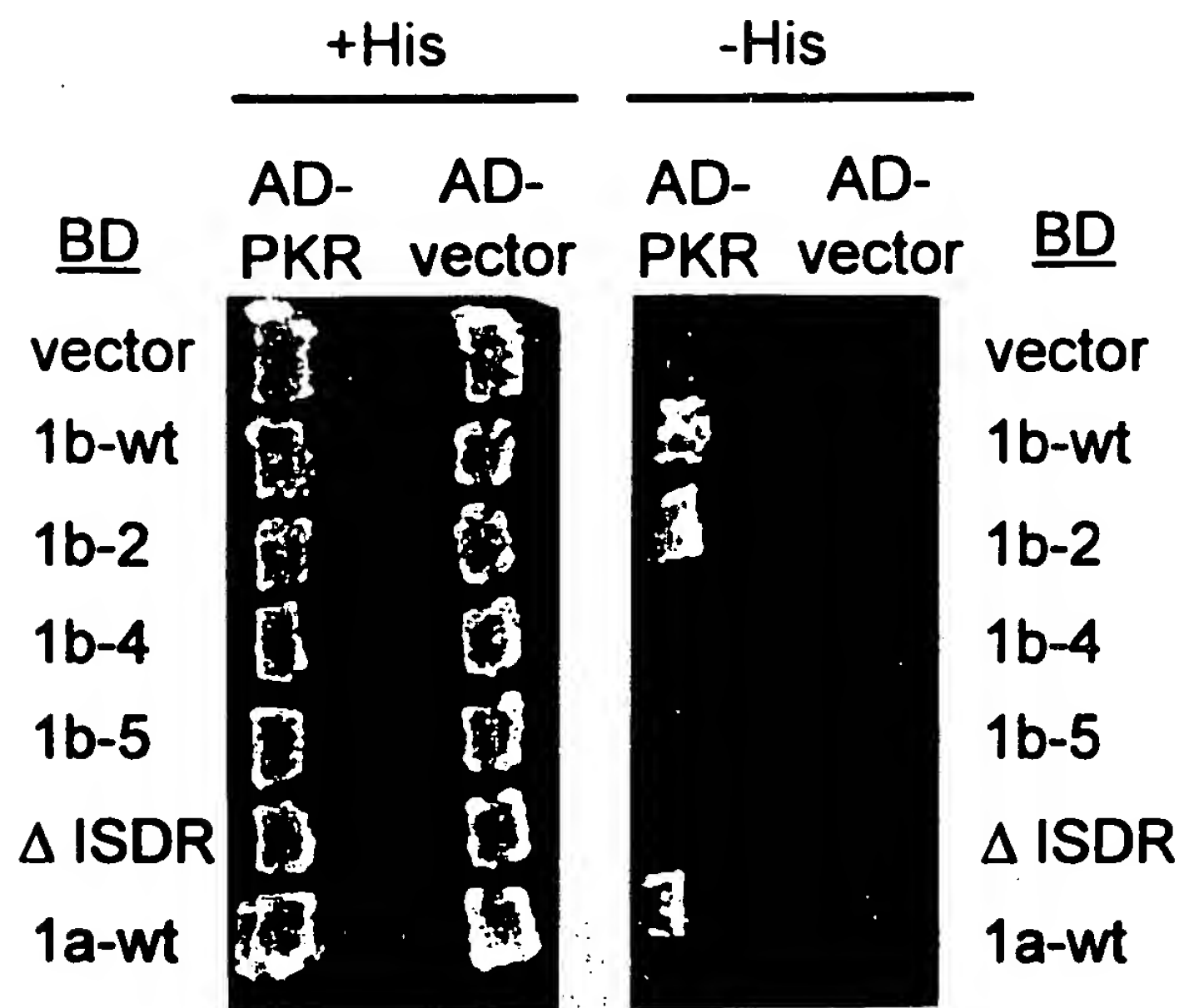


FIG.11A

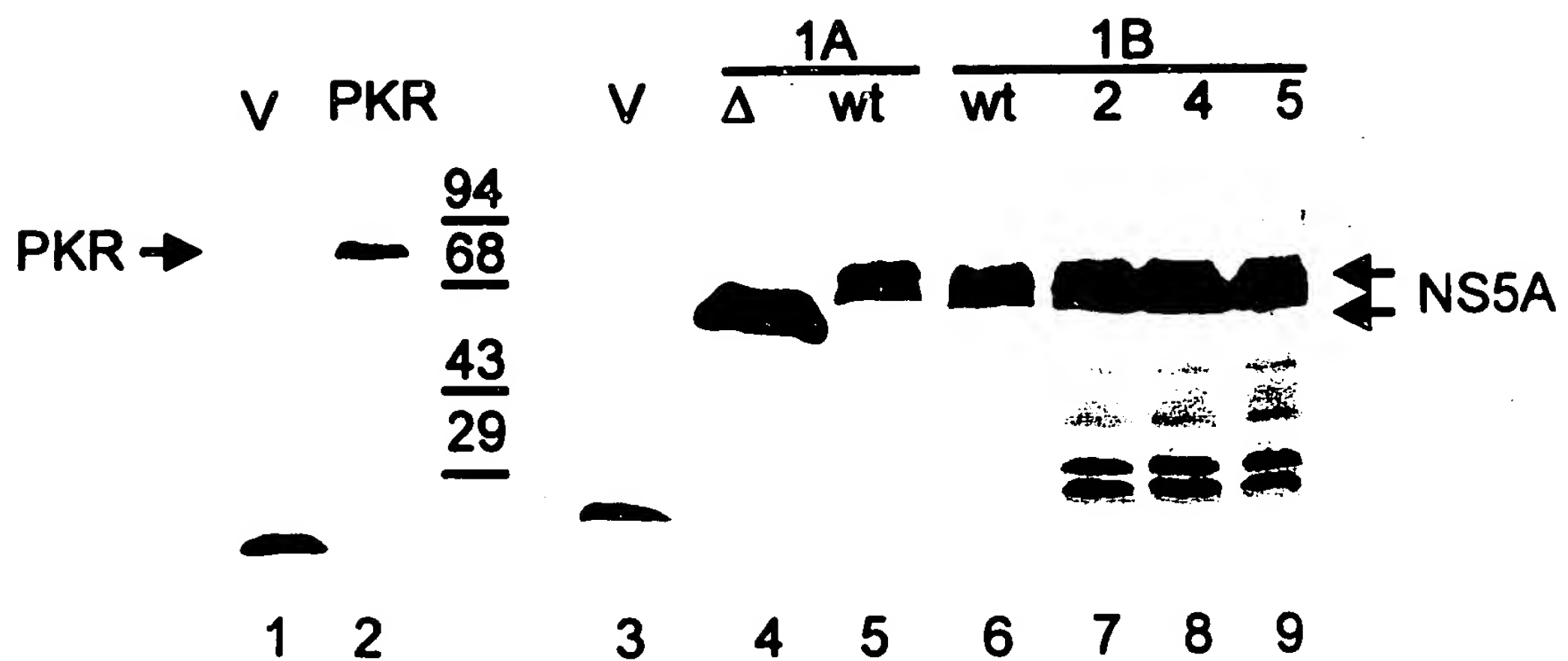


FIG.11B

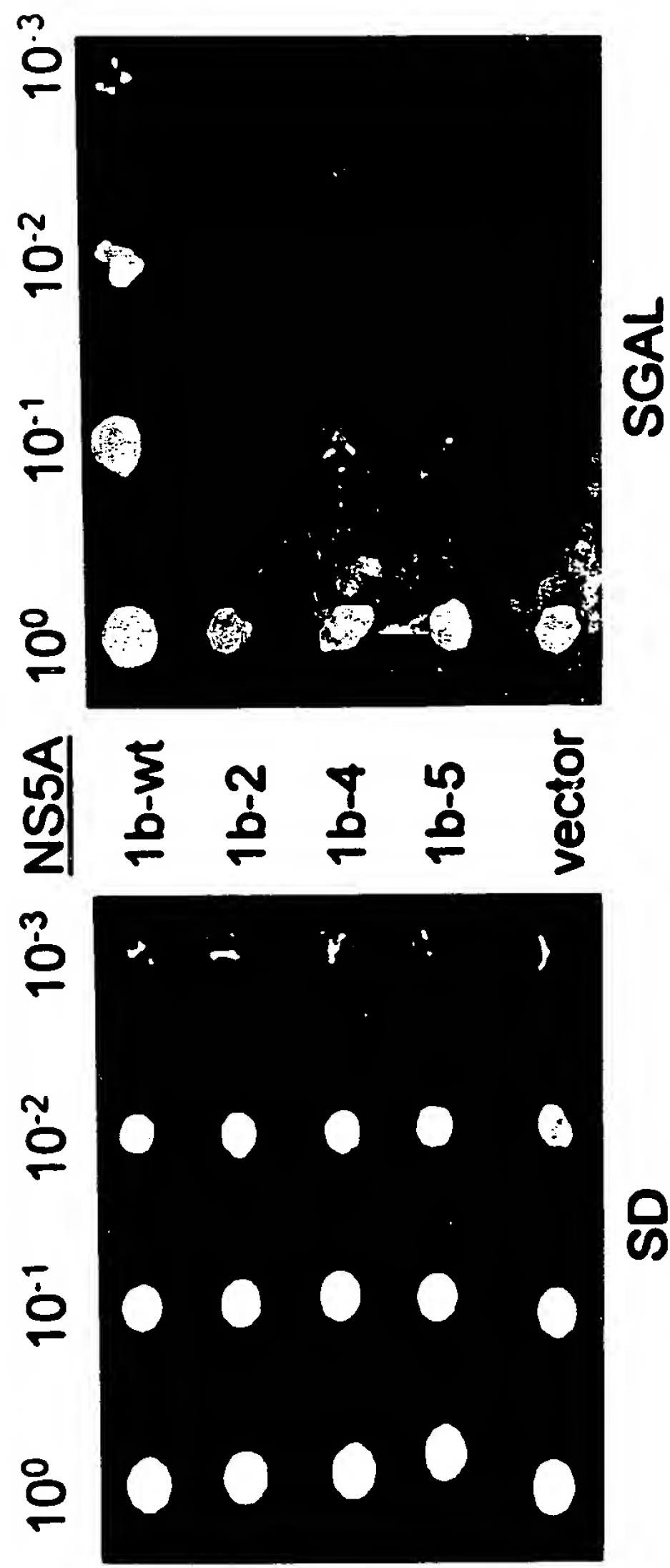


FIG. 12A

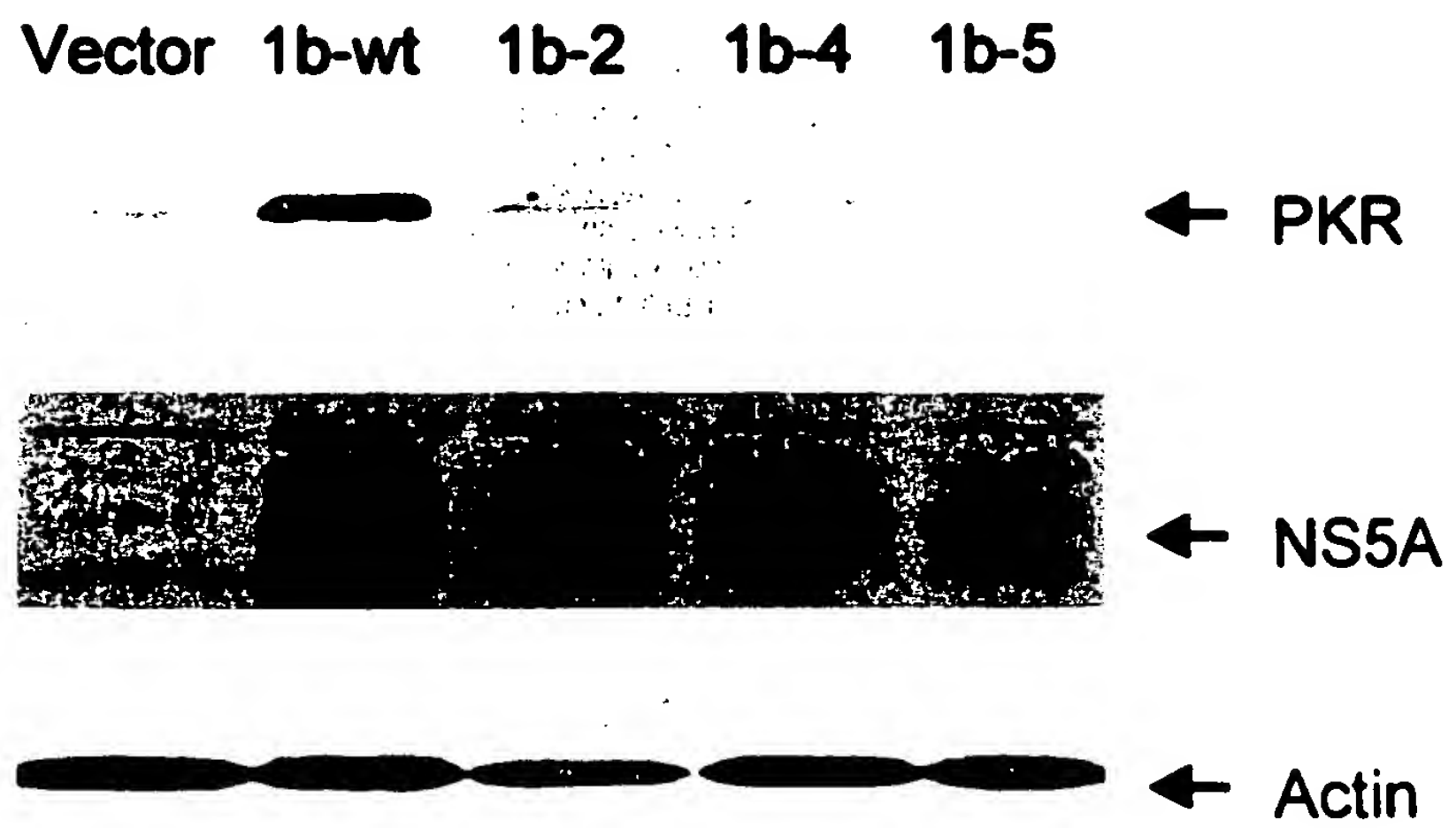


FIG.12B

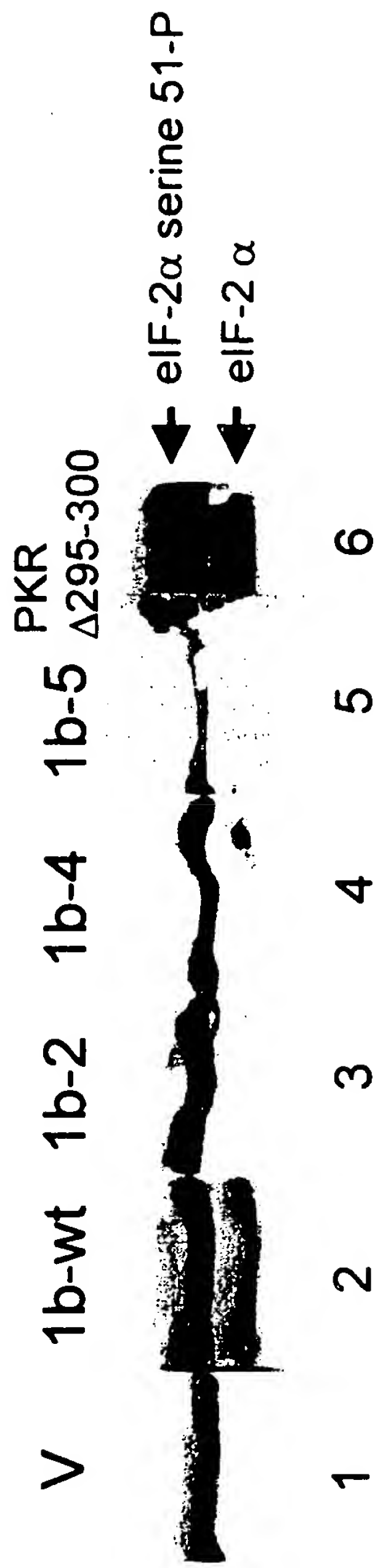


FIG.13

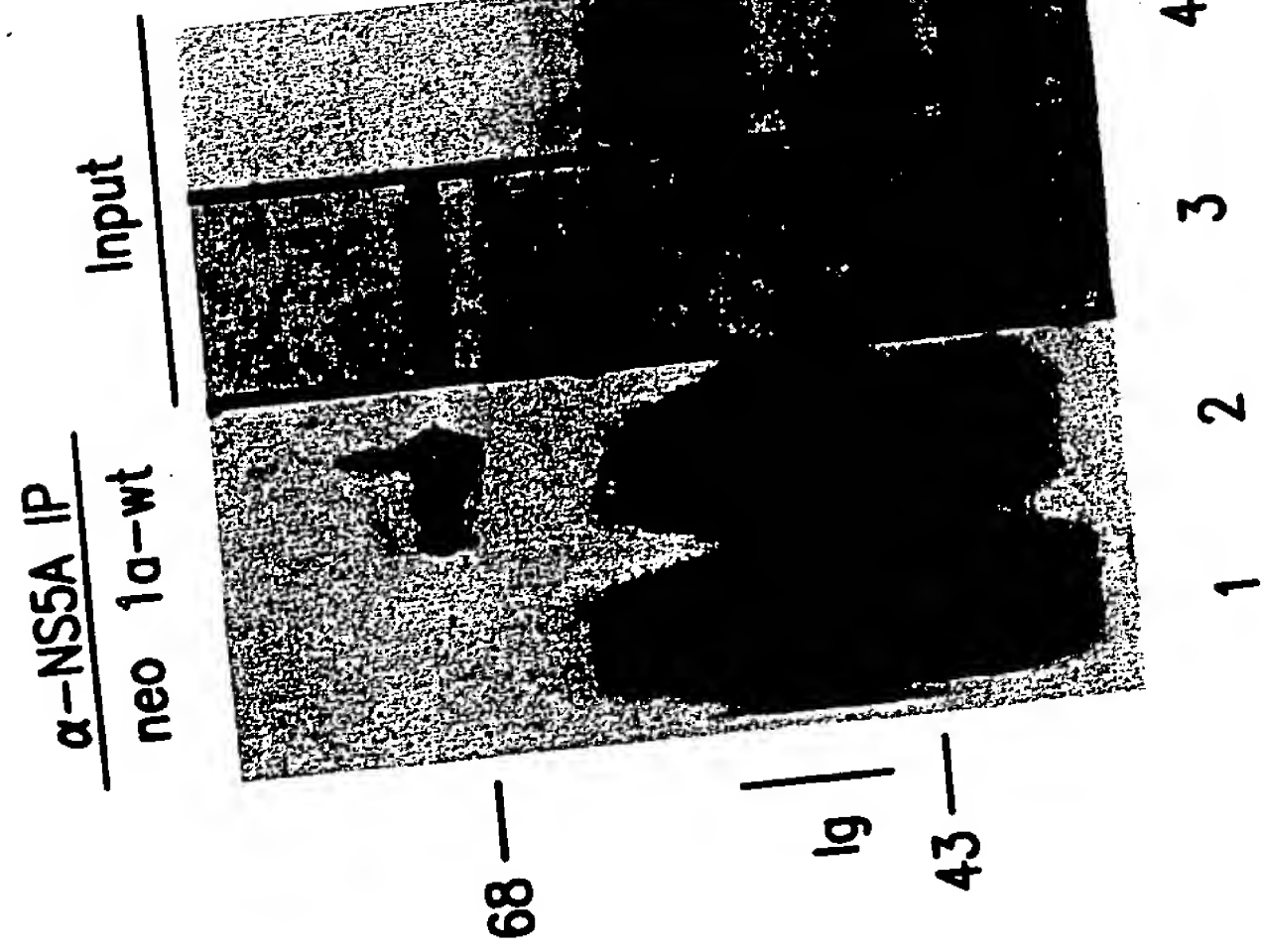


FIG.14A

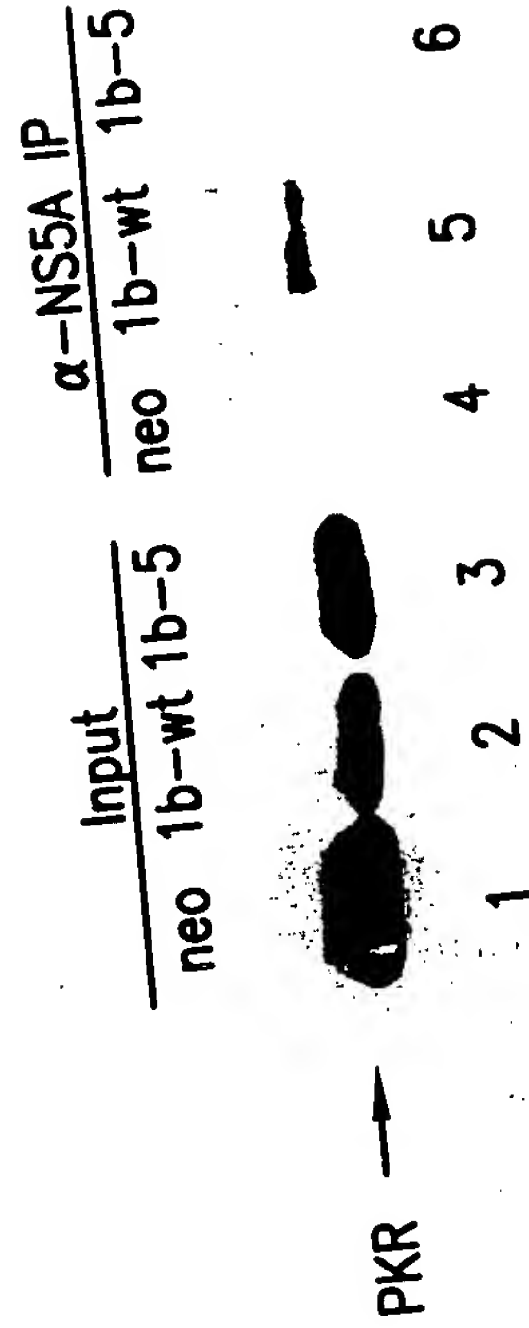


FIG.14B